LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040238.D
Acq On : 29 Mar 2019 23:16
Operator : JU/SJ
Sample : K2138-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S6A-S6B(21-25)COMP

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.123	3	6	15	rVB	71774	119007	2.59%	0.484%
2	5.608	421	429	442	rBV	1126113	1794152	39.09%	7.297%
3	7.212	694	702	716	rBV	1170283	2077711	45.26%	8.450%
4	7.588	756	766	779	rBV	1094655	1911712	41.65%	7.775%
5	8.058	836	846	859	rBV	192052	330289	7.20%	1.343%
6	8.381	893	901	908	rBV	753148	1337202	29.13%	5.438%
7	9.233	1037	1046	1054	rBV	679063	1210118	26.36%	4.922%
8	10.872	1317	1325	1334	rBV	253138	471119	10.26%	1.916%
9	13.311	1732	1740	1751	rVB	1866707	2895076	63.07%	11.774%
10	14.133	1875	1880	1886	rBV	114344	161116	3.51%	0.655%
11	14.685	1966	1974	1983	rBV2	439954	733111	15.97%	2.982%
12	16.178	2221	2228	2242	rBV	1664099	2577623	56.16%	10.483%
13	17.435	2434	2442	2452	rBV	655724	1011102	22.03%	4.112%
14	19.697	2823	2827	2835	rBV	40303	61056	1.33%	0.248%
15	20.032	2875	2884	2890	rBV	3409295	4590117	100.00%	18.668%
16	20.761	3003	3008	3011	rBV	53397	56886	1.24%	0.231%
17	21.307	3096	3101	3106	rBV3	32003	53255	1.16%	0.217%
18	21.707	3162	3169	3179	rBV2	695654	1148536	25.02%	4.671%
19	21.854	3189	3194	3198	rBV	61602	80959	1.76%	0.329%
20	22.465	3292	3298	3304	rBV	106487	171744	3.74%	0.698%
21	23.158	3410	3416	3427	rVB	122877	232899	5.07%	0.947%
22	23.969	3545	3554	3566	rBV2	91338	217228	4.73%	0.883%
23	24.932	3709	3718	3719	rBV2	59116	116397	2.54%	0.473%
24	24.991	3720	3728	3741	rVB3	378119	1133184	24.69%	4.609%
25	26.072	3903	3912	3924	rVB4	31202	96651	2.11%	0.393%

Sum of corrected areas: 24588250

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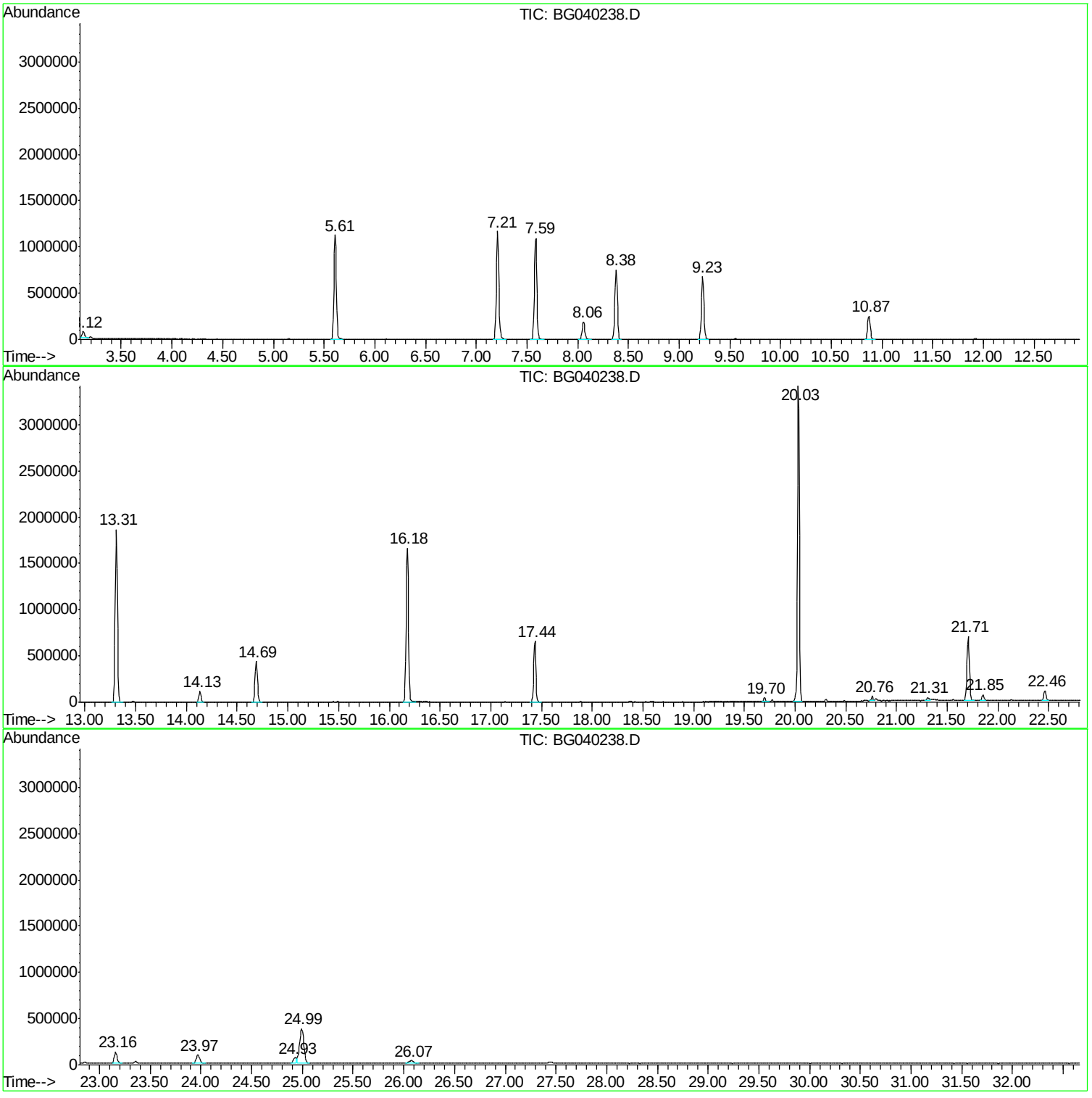
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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TIC Library : C:\Database\NIST11.L
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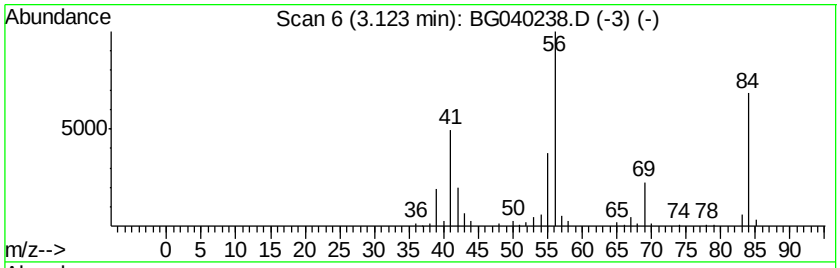
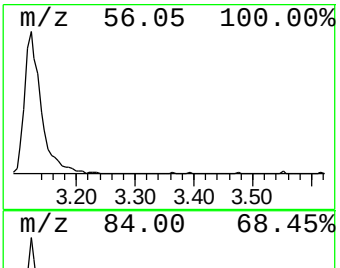
****

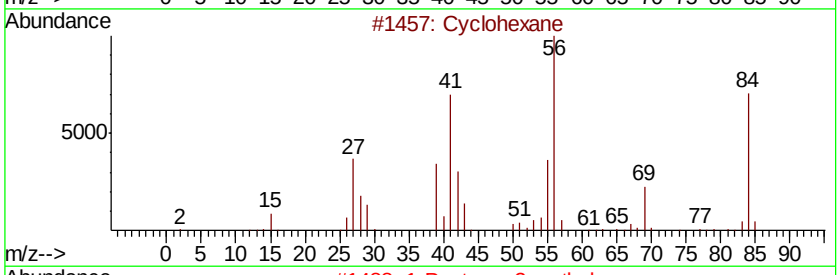
Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 3

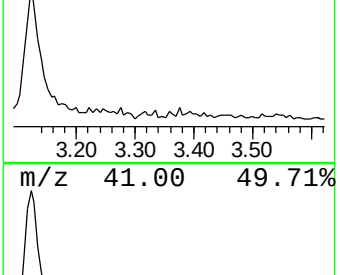
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.12	7.21 ng	119007	1,4-Dichlorobenzene-d4	8.06

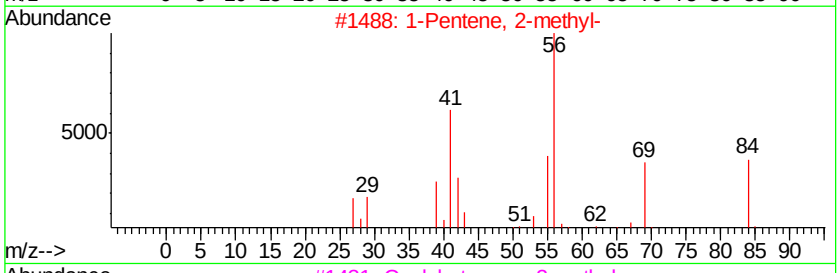
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72
3	Cyclobutanone, 2-methyl-	84	C5H8O	001517-15-3	53
4	2H-Pyran-2,6(3H)-dione, dihydro-...	142	C7H10O3	004160-82-1	50
5	1-Butanol	74	C4H10O	000071-36-3	47

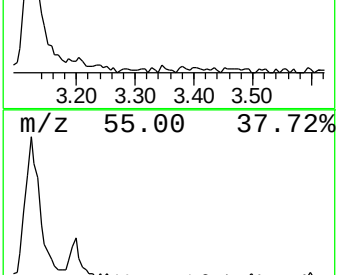


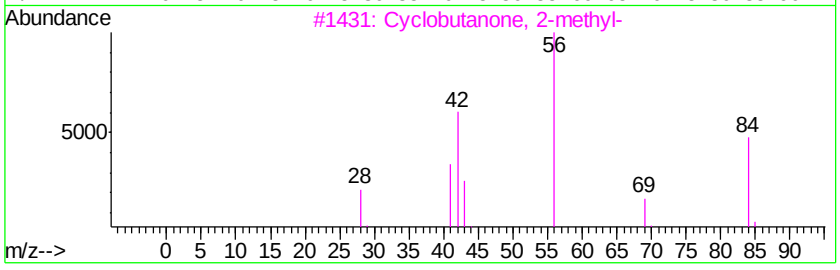


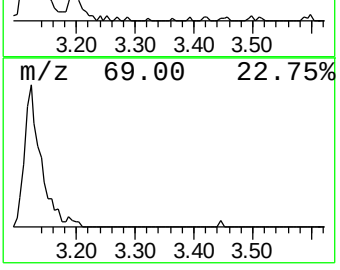












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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

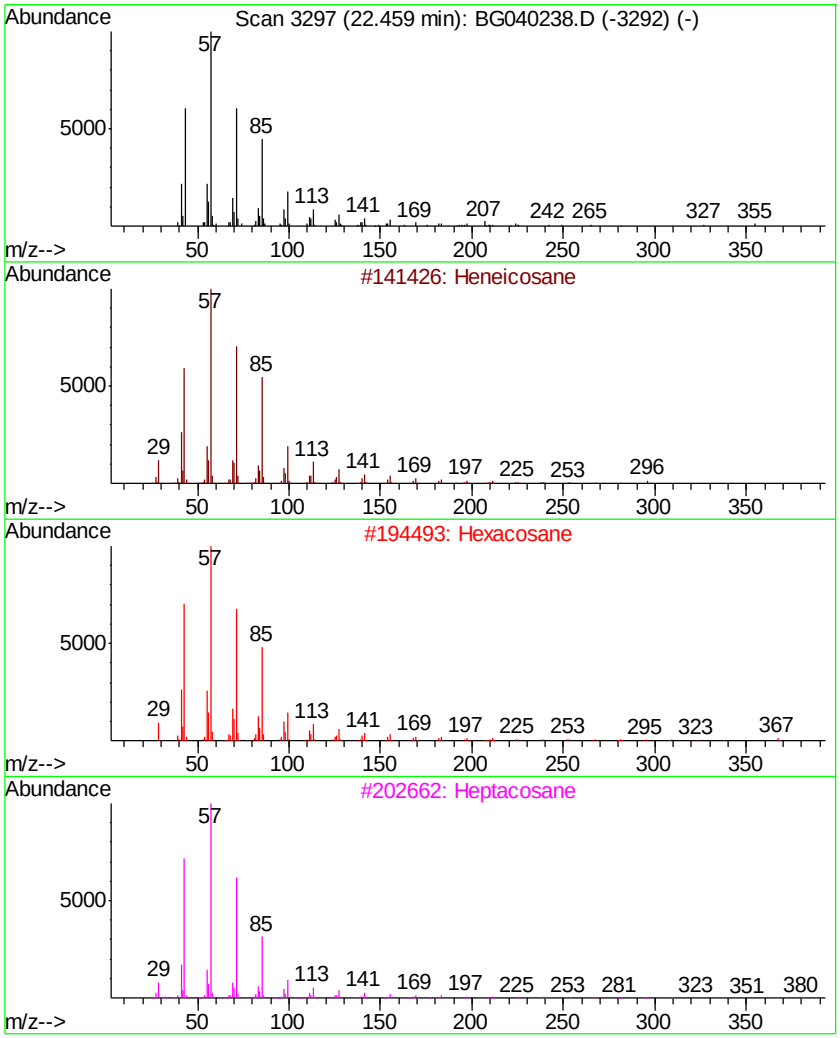
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

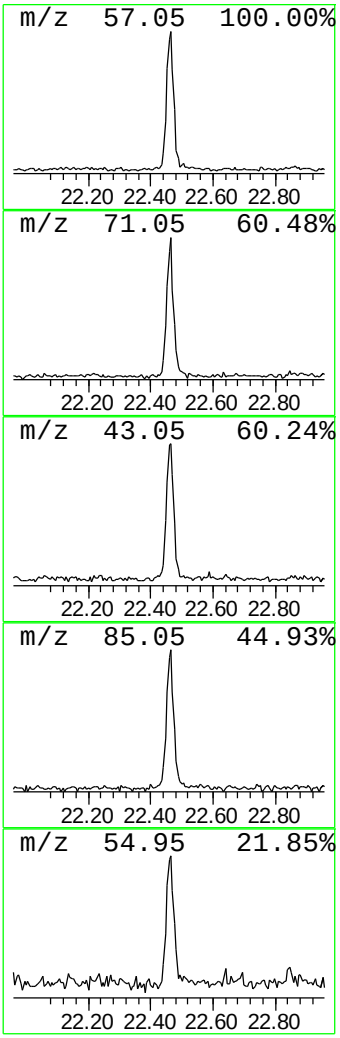
****

Peak Number 4 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.46	2.99 ng	171744	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Hexacosane	366	C26H54	000630-01-3	90
3	Heptacosane	380	C27H56	000593-49-7	90
4	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	90
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87





Library Search Compound Report

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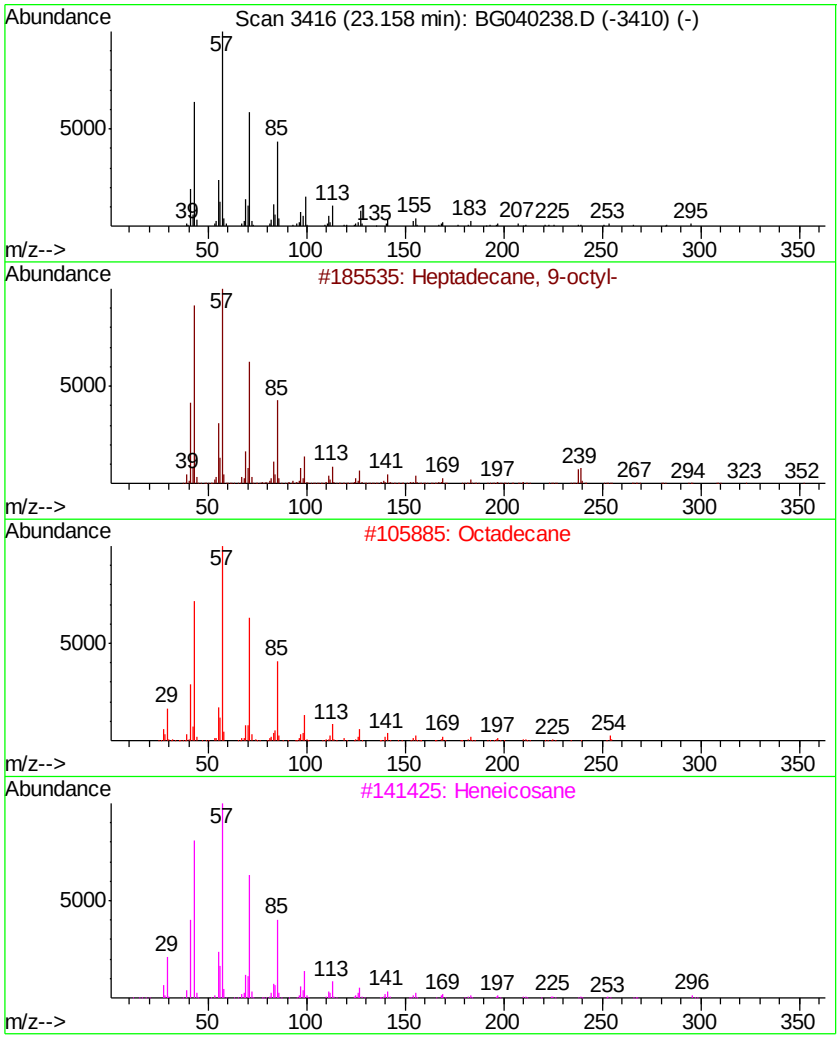
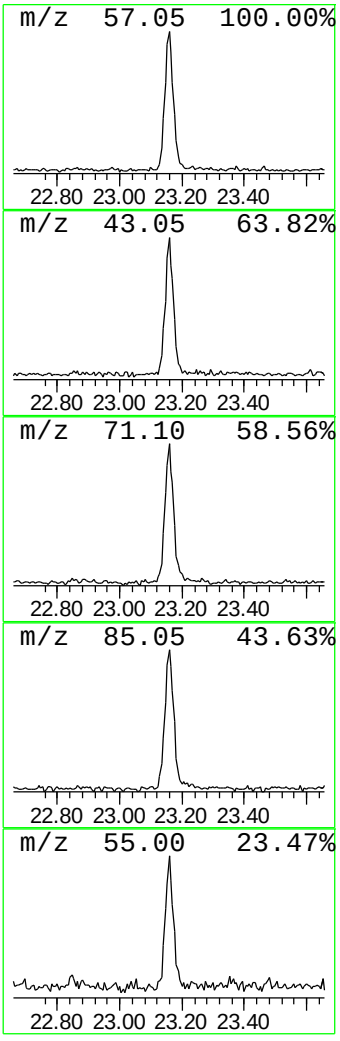
Peak Number 5 Heptadecane, 9-octyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.16	4.06 ng	232899	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2	Octadecane	254	C18H38	000593-45-3	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Octacosane	394	C28H58	000630-02-4	90





Library Search Compound Report

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ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S6A-S6B(21-25)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
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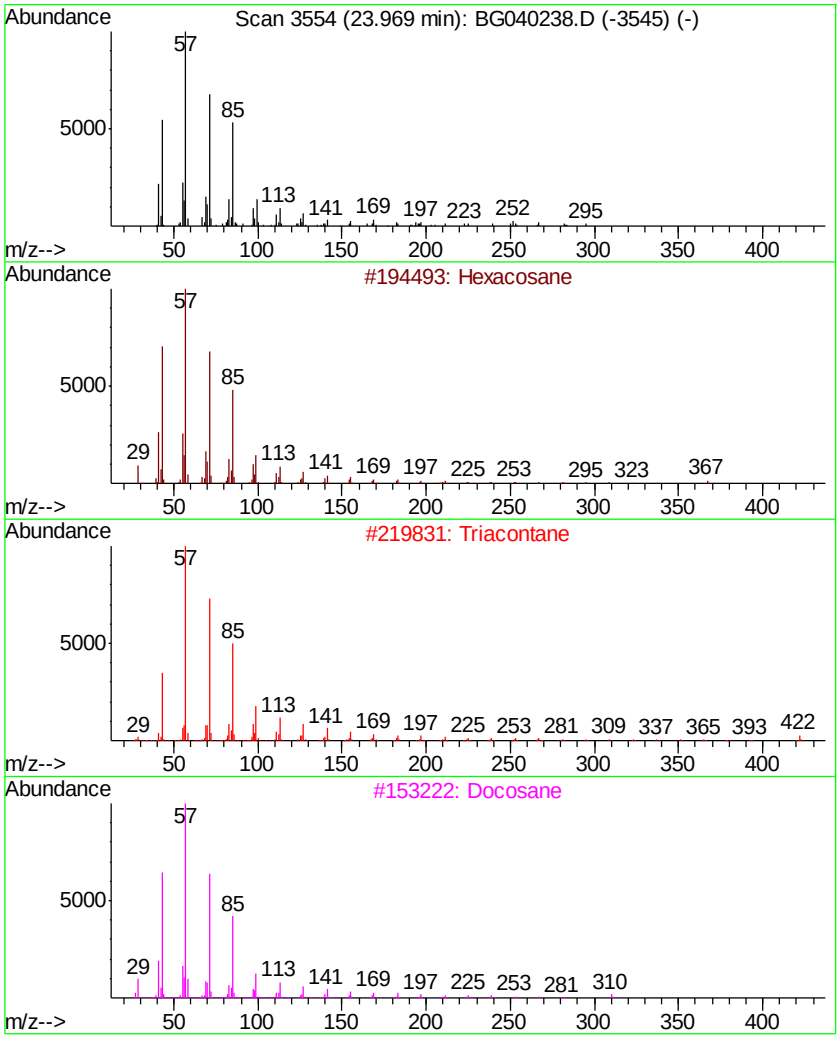
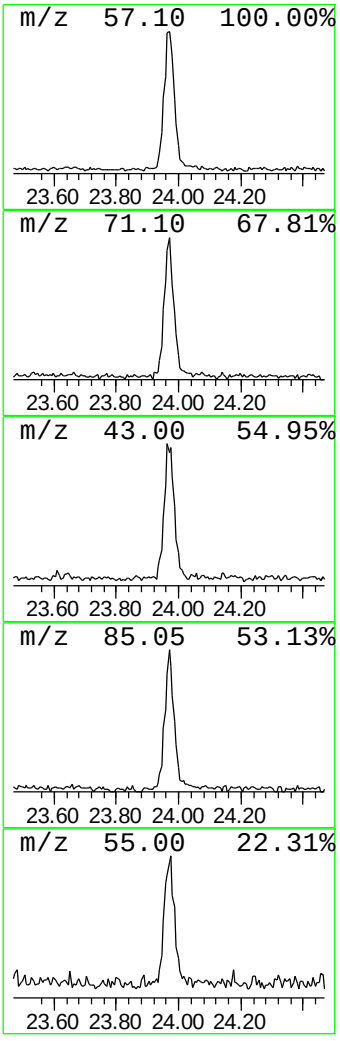
Peak Number 6 Hexacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.97	3.83 ng	217228	Perylene-d12	24.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	87
2	Triacontane	422	C30H62	000638-68-6	86
3	Docosane	310	C22H46	000629-97-0	86
4	Octacosane	394	C28H58	000630-02-4	68
5	Hexatriacontane	507	C36H74	000630-06-8	68





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TIC Library : C:\Database\NIST11.L
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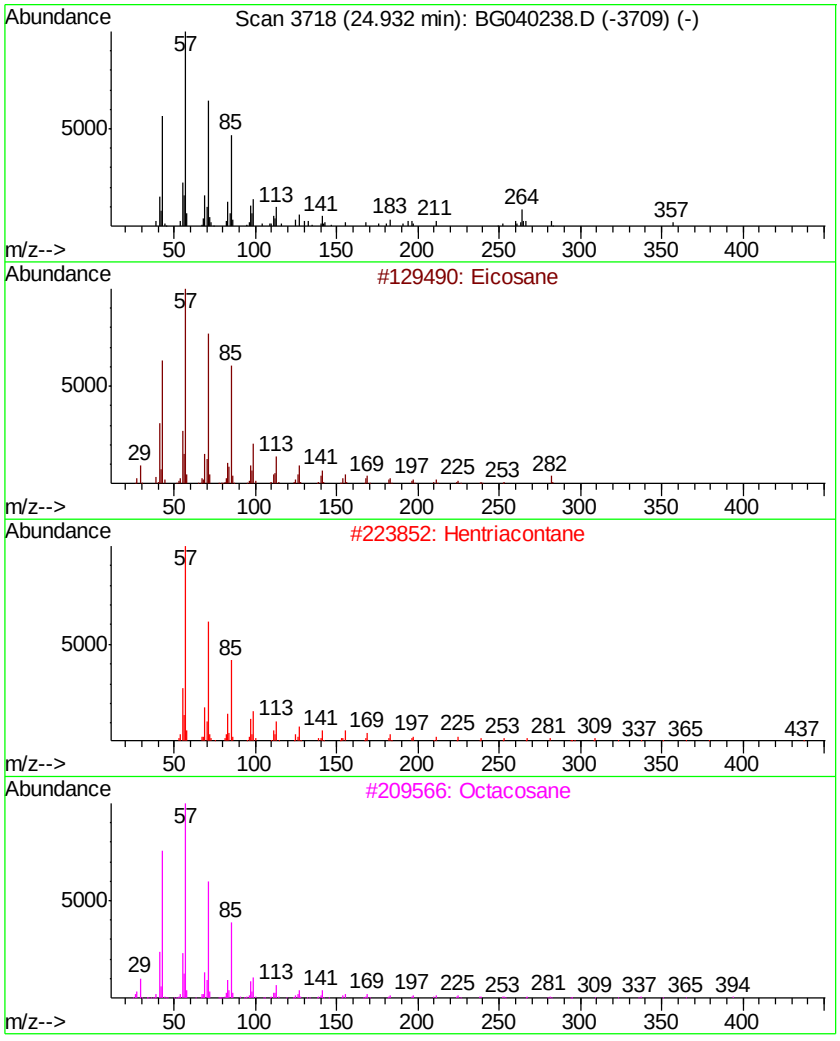
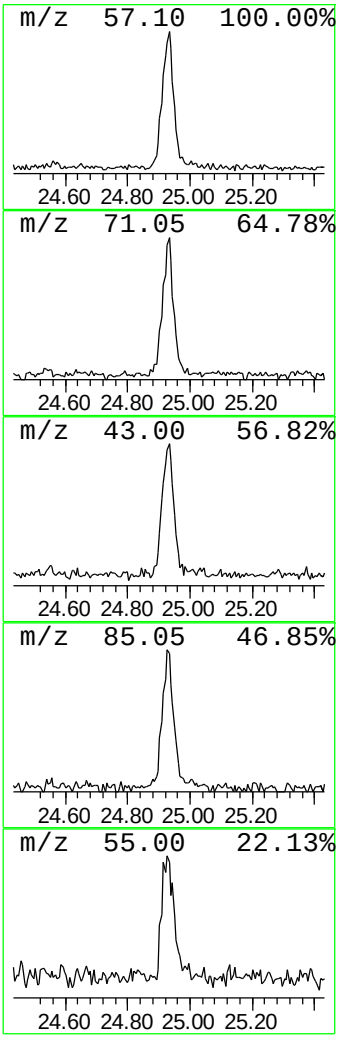
Peak Number 7 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.93	2.05 ng	116397	Perylene-d12	24.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Hentriacontane	437	C31H64	000630-04-6	90
3	Octacosane	394	C28H58	000630-02-4	90
4	10-Methylnonadecane	282	C20H42	056862-62-5	90
5	Hexacosane	366	C26H54	000630-01-3	90





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Pentene, 2-methyl-	3.12	7.2	ng	119007	1	8.06	330289	20.0
Heneicosane	22.46	3.0	ng	171744	5	21.71	1148540	20.0
Heptadecane, 9-oc...	23.16	4.1	ng	232899	5	21.71	1148540	20.0
Hexacosane	23.97	3.8	ng	217228	6	24.99	1133180	20.0
Eicosane	24.93	2.0	ng	116397	6	24.99	1133180	20.0